## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S27	0	"(CH.sub.3).sub.4NBF.sub.4" "(CH.sub.3).sub.4NBr" "(CH.sub.3).sub.4N(CF.sub.3SO.sub.2).sub.2N" "(CH.sub.3).sub.4N(C.sub.2F.sub.5SO.sub.2).sub.2N" "(C.sub.2H.sub.5).sub.4NBF.sub.4" "(C.sub.2H.sub.5).sub.4NBF.sub.4" "(C.sub.2H.sub.5).sub.4NI" "(C.sub.2H.sub.5).sub.4NI" "(C.sub.2H.sub.5).sub.4NI" "(C.sub.2H.sub.5).sub.4N(CF.sub.3SO.sub.2).sub.2N" "(C.sub.2H.sub.5).sub.4N(C.sub.2F.sub.5SO.sub.2).sub.4NI" "(C.sub.2H.sub.5).sub.4NI" "(C.sub.2H.sub.5).sub.4NI" "(C.sub.2H.sub.5).sub.4NI" "(C.sub.2H.sub.4T).sub.4NBF.sub.4T" "(n-C.sub.4H.sub.9).sub.4NI" "(n-C.sub.4H.sub.9).sub.4NI" "(n-C.sub.4H.sub.9).sub.4NI" "(n-C.sub.4H.sub.9).sub.4NI" "(C.sub.2H.sub.5).sub.4NI" "(C.sub.2H.sub.5).sub.4NI" "(C.sub.2H.sub.5).sub.4N-phtalate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24
S28	1	("20060068296").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/24 14:07
\$29	201	("CH.sub.3" adj ".sub.4NBF. sub.4") ("CH.sub.3" adj ". sub.4NBr") ("CH.sub.3" adj ". sub.4N" adj "CF.sub.3SO. sub.2" adj ".sub.4N" adj "CF.sub.3SO. sub.2" adj ".sub.4N" adj "CF.sub.2F.sub.5SO.sub.2" adj ". sub.2N") ("C.sub.2H.sub.5" adj ". sub.4NBF.sub.4") ("C.sub.2H. sub.5" adj ".sub.4NBF.sub.4") ("C.sub.2H.sub.5" adj ".sub.4NI") ("C.sub.2H.sub.5" adj ".sub.4NI") ("C.sub.2H.sub.5" adj ".sub.4N" adj "CF.sub.3SO. sub.2" adj ".sub.4N" adj "CF.sub.4N" adj "CF.sub.2H.sub.5" adj ".sub.4N" adj "C.sub.2F.sub.5SO.sub.2" adj ".sub.4N" adj "C.sub.2F.sub.5SO.sub.2" adj ".sub.4NBF. sub.7" adj ".sub.4NBF. sub.4NBF. sub.4") ("n-C.sub.4H.sub.9" adj	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 14:17

		".sub.4N" adj "CF.sub.3SO. sub.2" adj ".sub.2N") ("n-C. sub.4H.sub.9" adj ".sub.4N" adj "C.sub.2F.sub.5SO.sub.2" adj ".sub.2N") ("n-C.sub.4H. sub.9" adj ".sub.4NCIO.sub.4") ("n-C.sub.4H.sub.9" adj ". sub.4NI") ("C.sub.2H.sub.5" adj ".sub.4N-maleate") ("C. sub.2H.sub.5" adj ".sub.4N-benzoate") ("C.sub.2H.sub.5" adj ".sub.4N-phtalate")				
S30	183	S29 and electrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 14:17
S31	134	S30 and battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 14:17
<b>S</b> 32	219	"1,1-dimethylpyrrolidinium" "1-ethyl-1-methylpyrrolidinium" "1-methyl-1-propylpyrrolidinium" "1-butyl-1-methylpiperidinium" "1-ethyl-1-methylpiperidinium" "1-methyl-1-propylpiperidinium" "1-butyl-1-methylpiperidinium" "1,1-dimethylpyrrolium" "1-ethyl-1-methylpyrrolium" "1-methyl-1-methylpyrrolium" "1-butyl-1-methylpyrrolium" "1-butyl-1-propylpyrrolium" "1-butyl-1-methylpyrrolium" "1-butyl-1-methylpyrrolium"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 14:38
S33	41	S32 and (quaternary near ammonium near salt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 14:38
S34	13	S33 and electrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 14:38
S35	2	jp-03059963-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/25 11:01
S36	517	alkyl near (pyrrolium pyrrole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/25 11:25
S37	54	S36 and electrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/25 11:25

## **EAST Search History (Interference)**

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11/25/2009 2:35:25 PM

C:\ Documents and Settings\ rhodge\ My Documents\ EAST\ Workspaces\ 10536829 Nonaqueous Electrolyte composition.wsp